

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A solar tile assembly comprising a removable outer panel that comprises photovoltaic means and a first electrical connector, and an inner support structure that comprises a second electrical connector, ~~the assembly being such that, in use, wherein~~ bringing together the outer panel and the inner support structure causes the first electrical connector and the second electrical connector to be brought together into an electrical connection between said first electrical connector and said second electrical connector, and wherein the outer panel is slidably attached to the inner support structure by attachment means comprising a channel section formed to receive an attachment element and wherein the outer panel is adapted to be removed from the inner support structure by first sliding the outer panel in a direction that is substantially parallel to a plane of an outermost surface of the outer panel so as to align the attachment element with an access port provided in the channel section between distal ends of the channel section and by then lifting the outer panel in a direction perpendicular to the direction of sliding.

2. (Original) A solar tile assembly as claimed in Claim 1, wherein the electrical connection between the first electrical connector and the second electrical connector is broken by the removal of the outer panel from the inner support structure.

3. (Canceled)

4. (Currently amended) A solar tile assembly as claimed in ~~Claim 3~~ Claim 1, wherein the outer panel comprises the attachment element and the inner support structure is formed with the channel section for receiving and retaining the attachment element of the outer panel.

5. (Currently amended) A solar tile assembly as claimed in ~~Claim 3~~ Claim 4, wherein the outer panel comprises a pair of attachment elements and the inner support structure

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is formed with a pair of channels for receiving and retaining the attachment elements of the outer panel.

6. (Currently amended) A solar tile assembly as claimed in Claim 1, wherein the electrical connection between the first electrical connector and the second electrical connector is broken by sliding the outer panel in a direction that is substantially parallel to the plane of the outermost surface of the outer panel.

7. (Canceled)

8. (Currently amended) A solar tile assembly as claimed in Claim 1, wherein, in use, the inner support structure can be attached to ~~[[the]]~~ an outer surface of ~~a structure such as a~~ building or attached to an independent support structure located inside or outside a building.

9. (Currently amended) A solar tile assembly as claimed in Claim 1, wherein the inner support structure comprises ~~[[an]]~~ a first electrical junction box that comprises the second electrical connector.

10. (Currently amended) A solar tile assembly as claimed in Claim 9, wherein the first electrical junction box of the inner support structure comprises an electrical input terminal and an electrical output terminal, ~~the arrangement being such that~~ and wherein the electrical input terminal and the electrical output terminal are adapted to provide electrical ~~communication~~ connection between corresponding solar tile assemblies.

11. (Currently amended) A solar tile assembly as claimed in Claim 9 or Claim 10, wherein the outer panel comprises ~~[[an]]~~ a second electrical junction box formed with the first electrical connector, ~~the arrangement being such that in the assembled state of the solar tile assembly~~ wherein when the solar tile assembly is in an assembled state, the first connector and the second connector provide electrical ~~communication~~ connection between the ~~[[two]]~~ first and second electrical junction boxes.

12. (Previously presented) A solar tile assembly as claimed in Claim 1, wherein the support structure comprises means for providing electrical connections between adjacent solar tile assemblies.

13. (Currently amended) A solar tile assembly as claimed in Claim 12, wherein the means for providing electrical connections between adjacent solar ~~[[the]]~~ tile assemblies comprises an electrical connector on opposite sides of the support structure.

14. (Currently amended) A removable solar tile comprising photovoltaic means and a first electrical connector, the solar tile being such that, in use, bringing the solar tile together with an inner support structure causes the first electrical connector and a second electrical connector of the inner support structure to be brought together into an electrical connection between said first electrical connector and said second electrical connector and wherein the solar tile is slidably attached to the inner support structure by attachment means comprising a channel section formed to receive an attachment element and wherein the solar tile is adapted to be removed from the inner support structure by first sliding the solar tile in a direction that is substantially parallel to a plane of an outermost surface of the solar tile so as to align the attachment element with an access port provided in the channel section between distal ends of the channel section and by then lifting the solar tile in a direction perpendicular to the direction of sliding.

15. (Currently amended) An inner support structure for a removable tile that comprises photovoltaic means, the inner support structure comprising an electrical connector, the inner support structure being such that, in use, bringing the removable tile together with the inner support structure causes the electrical connector of the inner support structure and an electrical connector of the removable tile to be brought together into an electrical connection between said electrical connectors and wherein the removable tile is slidably attached to the inner support structure by attachment means comprising a channel section formed to receive an attachment

element and wherein the removable tile is adapted to be removed from the inner support structure by first sliding the removable tile in a direction that is substantially parallel to a plane of an outermost surface of the removable tile so as to align the attachment element with an access port provided in the channel section between distal ends of the channel section and by then lifting the removable tile in a direction perpendicular to the direction of sliding.

16. (Canceled)

17. (Canceled)

18. (New) A solar tile assembly as claimed in Claim 1, wherein the outer panel is configured to be capable of being slid out of a first position in which the first and second electrical connectors are connected, to a second position in which the outer panel remains attached to the support structure while exposing an underlying junction box.

19. (New) A solar tile assembly as claimed in Claim 18 in which alignment of the attachment element with the access port occurs intermediate of the first and second positions.

20. (New) A solar tile assembly as claimed in Claim 18 in which the attachment element abuts with a distal end of the channel section to define the second position.

21. (New) A solar tile assembly as claimed in Claim 1 in which the attachment means is provided underneath the removable outer panel.